



Terminals & Splices > Automotive Terminals > MCON Receptacle and Tab



Terminal Type: **Receptacle**
Mating Tab Width: **1.2 mm** [.047 in]
Mating Tab Thickness: **.6 mm** [.024 in]
Terminal Transmits: **0 – 24 A (Low Power)**
Wire Size: **17 – 15 AWG**

[All MCON Receptacle and Tab \(65\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Clean Body

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Contact Size	1.2mm
Contact Fabrication	Stamped & Formed
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	1.2 mm[.047 in]
Mating Tab Thickness	.6 mm[.024 in]



Interface Plating	Silver (Ag)
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Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.9 – 2.4 mm [.075 – .094 in]
Wire Size	1 – 1.5 mm ²
Wire Size Search	15 AWG, 16 AWG, 17 AWG

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C, 145 °C, 150 °C [176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F][293 °F][302 °F]
Operating Temperature Range	-40 – 150 °C [-40 – 302 °F]

Operation/Application

Conforms to KOMAX Automatic Component Insertion Guideline	Yes, per Version 5.0 (March 2018)
Compatible With Wire Base Material	Copper

Packaging Features

Packaging Quantity	6500
Packaging Method	Reel

Other

Terminal Transmits	0 – 24 A (Low Power)
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Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC

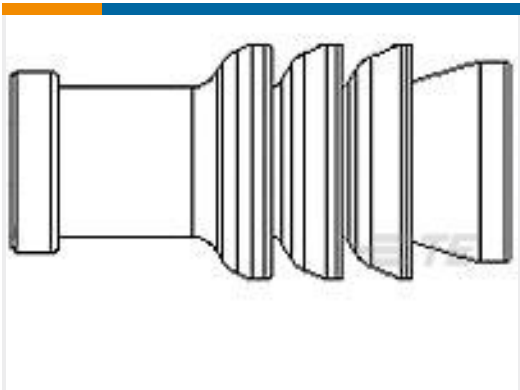
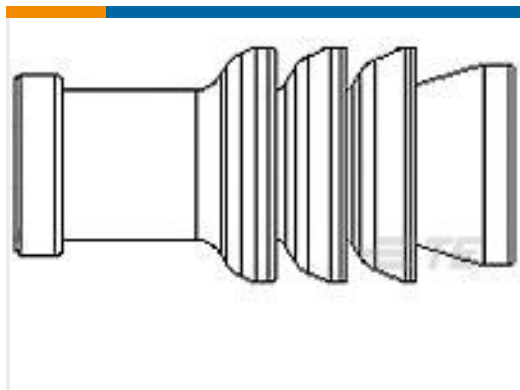


Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

 TE Part # 967067-1 MQS SGL WIRE SEAL	 TE Part # 967067-2 MQS EINZELLEITDICHT	 TE Part # 1579007-8 EXTRACTION TOOL	 TE Part # 2098557-1 2POS, MCON 1.2 CB REC 2p TL SEALED
 TE Part # 1-1456426-1 4POS, MCON 1.2 CB REC 2p TL SEALED	 TE Part # 1488991-6 3POS, MCON 1.2 CB REC 2p TL SEALED	 TE Part # 1924292-5 6POS, MCON 1.2 CB REC 2p TL SEALED	 TE Part # 1-1924067-2 2POS, MCON 1.2 CB REC 2p TL SEALED
 TE Part # 1488991-5 3POS, MCON 1.2 CB REC 2p TL SEALED	 TE Part # 964972-1 EINZELLEITERDICHTNG	 TE Part # 963142-1 MQS SINGLE-WIRE SEAL FOR 4MM	 TE Part # 2098582-1 WIRE SEAL,RUBBER,SENSOR, RED



TE Part # 1-1579007-0
EXTRACTION TOOL



TE Part # 8-1579008-4
EXTRACTION TOOL



TE Part # 1-2203769-1
2POS, MCON 1.2 CB REC 1p TL
SEALED



TE Part # 1-2203771-1
3POS, MCON 1.2 CB REC 1p TL
SEALED



TE Part # 1-2203771-2
Plug Ass'y, 3P Sealed, Key B, CPA



TE Part # 1488992-6
3POS, MCON 1.2 CB REC 2p SL
SEALED



TE Part # 2098541-2
3POS, MCON 1.2 CB REC 2p TL
SEALED

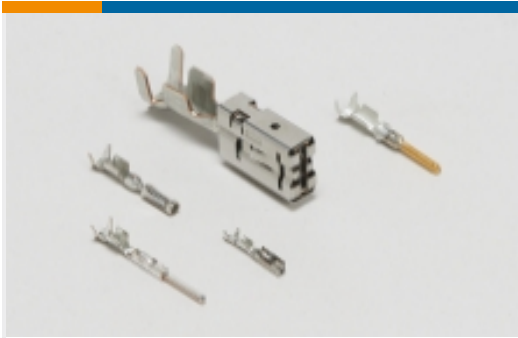


TE Part # 1488991-2
3POS, MCON 1.2 CB REC 2p TL
SEALED

Also in the Series | AMP MCP Hybrid Coax



Automotive Housings(8)



Automotive Terminals(38)

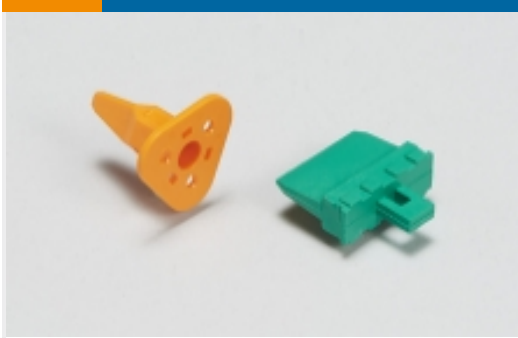


Crimp Wire Pins, Tabs & Ferrules(2)

Also in the Series | MCON 1.2mm



Automotive Connector Caps & Covers
(18)



Automotive Connector Locks &
Position Assurance(10)



Automotive Housings(328)



Automotive Terminals(96)



Connector Seals & Cavity Plugs(11)



Insertion & Extraction Tools(5)

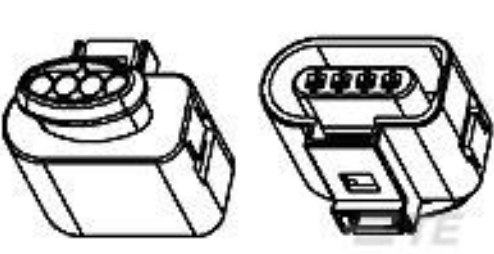


Other Automotive Connector Accessories(7)

Customers Also Bought



TE Part #964972-1
EINZELLEITERDICHUNG



TE Part #1599632-1
HOUSING ASSY 4 POSN 2,8 mm REC JPT



TE Part #CB0939-000
FL2500 Heat Shrink Tubing



TE Part #1488991-2
3POS, MCON 1.2 CB REC 2p TL SEALED



TE Part #2098641-1
2POS, MCON 1.2 CB REC 2p SL SEALED



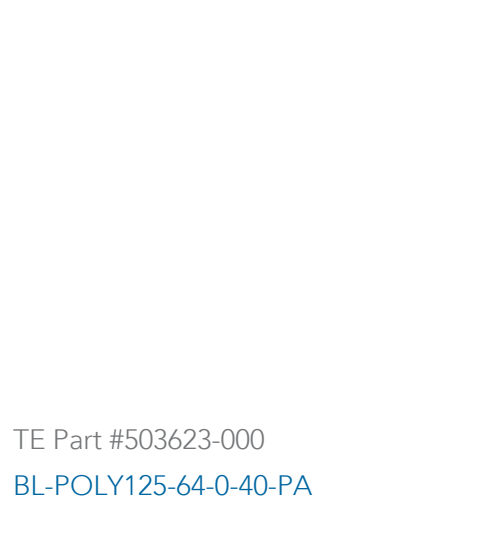
TE Part #1-2295389-6
PLUG ASSY, 24WAY HYBRID, UNSEALED, F



TE Part #282439-1
MINI MIC RCPT. CONT. 0,5-1



TE Part #5-2407269-2
CAP, CPC, SIZE 23 PLUG, BLACK



TE Part #503623-000
BL-POLY125-64-0-40-PA

Documents

Product Drawings
MCON 1.2 CB REC SWS AG
German

CAD Files
Customer View Model
ENG_CVM_1418850-3_F2.3d_igs.zip
English
Customer View Model



[ENG_CVM_1418850-3_F2.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1418850-3_F2.2d_dxf.zip](#)

English

3D PDF

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

German

Application Specification

English

Application Specification

English